

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kyung-Ku CHOI, et al.

Serial No: 10/541,096

Filed: June 8, 2006

Confirmation No.: 1153

For: GRANDULAR SUBSTANCE, MAGNETIC THIN FILM,  
AND MAGNETIC DEVICEArt Unit: 1794  
Examiner: Gary D. Harris

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

 No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	20	-	24 **	0 LG=\$50 SM=\$25 \$[FEE]	\$ 0
INDEPENDENT CLAIMS FEE	2	-	3 ***	0 LG=\$210 SM=\$100 \$[FEE]	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					
				LARGE ENTITY FEE = \$380 SMALL ENTITY FEE = \$180	\$ 0
ADDITIONAL SIZE FEE (IF ANY) (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)				\$250 FOR EACH ADDITIONAL 50 SHEETS	\$ 0
Independent Claims: 1 and 17				TOTAL	\$ 0.00

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

 The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314.Respectfully submitted,  
HOGAN & HARTSON L.L.P.

Date: May 29, 2008

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By:   
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